

Table 4-1

Action Levels
Former Rifle Grenade Range, Parcel 221Q-X
Fort McClellan, Calhoun County, Alabama

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When in Level C PPE

Analyte	Action Level	Required Action ^a
VOCs	≥ 10 ppm above background in BZ	Stop work, evacuate work area, contact program CIH, upgrade to Level B PPE.
Oxygen	$\geq 20\%$, $<23\%$ $< 20\%$, $>23\%$	Normal operations. Stop work, evacuate work area.
Flammable vapors	$\geq 10\%$ LEL $< 10\%$ LEL	Stop work, evacuate work area, contact CIH. Continue operations, monitor for VOCs.

When in Level D Modified/D PPE

Analyte	Action Level	Required Action ^b
VOCs	≥ 5 ppm above background in BZ	Stop activities, suspend work activities for 15 to 30 minutes, if readings are sustained then contact program CIH, upgrade to Level C PPE.
Oxygen	$\geq 20\%$, $<23\%$ $< 20\%$, $>23\%$	Normal operations. Stop work, evacuate work area contact CIH.
Flammable vapors	$\geq 10\%$ LEL $< 10\%$ LEL	Stop work, evacuate work area, contact CIH. Continue operations, monitor for VOCs.

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When in Support Zone

Analyte	Action Level	Required Action
VOCs	≥ 1 ppm above background in BZ	Evacuate support zone and re-establish perimeter of exclusion zone.

- ^a Four instantaneous peaks in any 15-minute period or a sustained reading for 5 minutes in excess of the action level will trigger a response.
- ^b Contact with the health and safety manager must be made prior to continuance of work. The health and safety manager may then initiate perimeter/integrated air sampling along with additional engineering controls.

No one is permitted to downgrade levels of PPE without authorization from the health and safety manager.

PPE - Personal protective equipment.
VOC - Volatile organic compound.
ppm - Parts per million.
BZ - Breathing zone.
LEL - Lower explosive limit.